

Minutes of Weapon System Meeting
Held at Washington, D. C., 9 May 1956

1. Open Action Items:

2-56-1 - Development of Operational Plan

- a. Problem Presented: A documented operational plan must be prepared.
- b. Action Agency: Lt. Col. Gary, Hq USAF, Lt. Col. Heron, Hq SAC.
- c. Progress to Date: SAC has been unable to develop a realistic operational plan. Meeting held on 8 May with [REDACTED] to finalize the security policies under which the Air Force can operate was concluded without definite guidance. 25X1A
- d. Action to be Taken: Lt. Col. Heron, Col. Berg, and [REDACTED] are to resolve security policies by 12 May 1956. 25X1A
- e. Forecast of Completion: Continuing.

2-56-5 - Status of Procurement of Known Equipments

- a. Problem Presented: Procurement of equipments identical to those used by the lead program is the general intent. In cases where improvement can be accomplished and/or different equipment utilized, coordination to be effected with [REDACTED]. Utilization of surplus 1913 equipments will be accomplished wherever possible. 25X1A
- b. Action Agency: [REDACTED] and Lt. Col. Brewer, AMC. 25X1A
- c. Progress to Date: The 1914 requirements for the 3 A-1, and 3 of the required 6 A-2 photo configuration will be provided from surplus 1913. Colonel [REDACTED] has assured these equipments will be available to 1914 concurrent with 1914 requirements. Three A-2, and three B configurations will be contracted and negotiations are underway. Procurement of three C configurations is being withheld pending further development. Procurement action for 16 System 1; 16 System 3, and 2 HRR systems, together with necessary training spares, tools, Tech Rep., etc., has been initiated. Procurement of System 3, and System 4 are being withheld pending further development. Procurement for installation of 26 sextants, viewfinders, tracking cameras, and RADAN for the HRR, together with the necessary support has been initiated. 25X1A
- d. Action to be Taken: Negotiation and issuance of contractual documents to be accomplished at an early date. As development progresses or new equipments become available, procurement of the remaining equipments will be accomplished.
- e. Forecast Date of Completion: Continuing.

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2-56-6 - Development of Maintenance Concept

a. Problem Presented: The maintenance concept for 1914 must be documented. Since contractor maintenance will not be utilized, this problem is dependent upon the operations plan.

b. Action Agency: SAC, Colonel Walker, AMC, Lt. Col. Brewer.

c. Progress to Date: Tentative plans are for a normal maintenance concept with exception of engines and some specialized equipments wherein the contractor maintenance and overhaul will be required.

d. Action to be Taken: Upon completion of the operations plan the maintenance plan must be documented.

e. Forecast Date of Completion: Unknown

2-56-7 - Development of Supply Concept

a. Problem Presented: The supply concept must be documented and personnel assigned to support the supply function.

b. Action Agency: Colonel Snyder, SAC, Lt. Col. Brewer, AMC.

c. Progress to Date: Major General Dau, AMC, has been briefed on the program. AMC recommends that WRAMA be utilized as the prime depot and that support be assembled at WRAMA. Pending clarification of security policy WRAMA cannot be utilized. Request to clear Colonel Rielly and Mr. Denard (WRAMA) has been submitted and we await their clearance into the program. Colonel Walker (SAC), Lt. Col. Brewer (AMC), and Mr. McDonald (AMC) held the initial provisioning conference at Lockheed Aircraft Co. during week of 9-13 April. Lt. Col. DeLonga (USAF) has the 610 requirement in process. LAC requirements for tech equipment and various facilities items are in process for delivery to Bakersfield.

d. Action to be Taken: Additional provisioning meetings will be held and provisioning actions will continue. Expeditious handling of clearances for Colonel Rielly and Mr. Denard will be taken. Early assignment of supply personnel and their place of assignment is mandatory. Under present plans we will continue to use Maywood and follow procedures of 1913.

e. Forecast Date of Completion: Continuing.

2-56-10 - Training

a. Problem Presented: Training programs for all aspects of the program must be started at an early date.

b. Action Agency: Major Lake, SAC, Lt. Col. Brewer, AMC.

c. Progress to Date: The training programs are complicated by present security policy. Present plans are to utilize SAC cleared personnel in sanitized training areas. Persons going to Watertown must have full clearance. Negotiations with the various contractors are underway to establish training courses at an early date. SAC has assured that fully qualified personnel only will be put into these specialized training courses.

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d. Forecast Date of Completion: September 1956.

3-56-1 - Navigation System

a. Problem Presented: Selection of a navigation system.

b. Action Agency: ARDC, Lt. Col. Herrington, SAC, Major Lake.

c. Progress to Date: The 1913 program System 2 has been investigated and compared to the developments in the light-weight doppler field. The System 2 consists of a combined communication and navigation system consisting of an air-borne high frequency (3 mc to 2 C mc) high power pulse coded transmitter and receiver, and similar ground units with allied timing circuits to determine the range of the aircraft from the ground station. By ranging on two stations the aircraft's position is determined and radioed to the aircraft on demand. The doppler system consists of a doppler radar to determine true ground speed and a computer to determine ground position and possibly course and distance to a pre-set destination. The System 2 equipment is strong on communication and weak in navigation; the doppler presents a superior navigation because it gives continuous navigation information without ground support but it gives no communication capability. The decision has been made to obtain a comprehensive proposal for the best doppler system for final determination.

d. Action to be Taken: Lt. Col. Herrington will determine the most promising doppler, computer combination and will work with Lockheed to determine its installability in the aircraft, and its effect on the system as a whole.

e. Forecast Date of Completion: 1 July 1956.

3-56-2 - Ferret

a. Problem Presented: Define the ferret equipment to be used by the SP 1913 program and determine whether or not it meets SAC requirements.

b. Action Agency: ARDC, Lt. Col. Herrington, SAC, Major Lake.

c. Progress to Date: The objectives and methodology of the System 4 development have been obtained by interview with the designer. Generally, the system consists of seven receivers covering the range from 150 - 40,000 mc and recording the received signals both on tape and photographic film. Resultant system yields frequency, pulse width, pulse repetition rates from the tape and wave form and unusual pulsing or coding systems from the oscilloscope photos. The system appears better than other known systems including the DMQ-2, and remains scheduled for installation.

d. Action to be Taken: Secure final technical exhibits for airborne and ground processing equipment for SAC approval and consideration in planning ground handling processing procedures.

e. Forecast Date of Completion. June 1956.

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3-56-3 - Search Radar Package

a. Problem Presented: To determine the feasibility of developing and installing a search radar package.

b. Action Agency: ARDC, Lt. Col. Herrington, SAC, Major Lake.

c. Progress to Date: The Westinghouse Company, our only cleared radar producing organization, has been asked to examine the radar field with an object of finding an approach which will yield a search radar whose presentation will simulate the scope presentation of an APS-23 as used in B-47 type B & N systems. Their examination to date has indicated APN-59 is the most available equipment. First examination indicated that of the standard APN-59 antennas, the 18" was the only one which would fit in the aircraft; further examination shows a new design 36" antenna can be used, and Westinghouse has presented a general work statement.

d. Action to be Taken: The characteristics of the installed set with 36" antenna will be shown to SAC for decision regarding adequacy. The weights and radome requirements will be given Lockheed for airplane performance estimates.

e. Forecast Date of Completion: Unknown.

II NEW ACTION ITEMS:

5-56-1 - Provisioning - GFAE - GHE, Spares, Special Tools

a. Problem Presented: To adequately provision for the support of SP 1914.

b. Action Agency: Lt. Col. Brewer, and Mr. McDonald, AMC; Colonel Walker, SAC; Lt. Col. DeLonga, USAF; [REDACTED] LAC, and Colonel Reilly and Mr. Denard, WRAMA.

c. Progress to Date: Initial provisioning planning was conducted by Colonel Walker and Lt. Col. Brewer. No AMC Supply personnel were available and cleared into the program. Major General Dau was cleared and briefed by General Mitchell, Lt. Col. Brewer, Lt. Col. Herrington, and Mr. McDonald on 31 March 1956. General Dau approved action then in progress and established WRAMA as the lead AMA. General Dau requested that Colonel Reilly and Mr. Wm. Denard, Supply, WRAMA, be cleared. Initial provisioning conference was held at LAC on 10 - 13 April 1956, with Colonel Walker, SAC; Lt. Col. Brewer, AMC; Mr. McDonald, AMC, and Mr. Cannon, LAC. Provisioning was based on the following factors and assumptions:

- (1) Six Detachments (3 of 6 A/C and 3 of 2 A/C)
- (2) One Maintenance Base (Turner)
- (3) One Depot Reserve (WRAMA)

Provisioning documents have been prepared, approved, and given contractual coverage. Colonel Reilly and Mr. Wm. Denard were cleared on 21 May 1956. Airframe provisioning is proceeding, and no difficulties are foreseen at this time. Engine provisioning being handled by Colonel Keeling, Hq USAF, has been completed. Personal equipment has been completed.

25X1A d. Action to be Taken: Provisioning is to continue and meetings are to be called relative to (1) Viewfinder - sextant; (2) Cameras; (3) Electronics; (4) Photo processing; (5) Electronic readout. Lt. Col. DeLonga is working on a list of test equipment and tools required at Bakersfield by 1 July. LAC will begin to deliver equipments, spares, etc., to [REDACTED] during June. A separate storage bay is available and clearance to use this bay was obtained 21 May. Mr. Denard, WRAMA, will be briefed during May and placed on TDY at [REDACTED] during July. In the meantime, SP 1914 equipments, spares, etc., will be tagged by LAC, and stored only.

e. Forecast date of completion: Continuing.

5-56-2 - Change in Order of Model Delivery

a. Problem Presented: Earlier availability of second APQ-56 makes possible delivery of the second HRR aircraft in June 1957.

b. Action Agency: AMC, Lt. Col. Brewer; SAC, Lt. Col. Heron.

c. Progress to Date: All present concurred in stated date.

d. Action to be Taken: AMC schedules change.

e. Forecast Date of Completion: Completed.

SUMMARY

1. Clearances: New clearances are to be processed through AF Hq, Major Sykes. The lengthy time required to process new clearances is a big problem.

25X1A 2. Security Problems Effecting Operations: The concept of initially using WRAMA and Turner for support areas and deploying aircraft to Turner in September was not acceptable. Meetings were held in Washington on 7 May and again on 12 May to determine a policy acceptable to the AF. All aspects of this operation will continue in the same channels as our predecessors through 1 November, consistent with security requirements. Flight operations will initially be from [REDACTED] and supported from [REDACTED] Training will be conducted with only AF clearances; the training areas and courses to be sterilized. 25X1A

3. Next Meeting: The next meeting will be held at Hq SAC on 26 June 1956.

4. The AMC-ARDC WSPO emphasized that group representation is official and is the controlling body in support of this program.

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